

PATENT ABSTRACTS OF JAPAN

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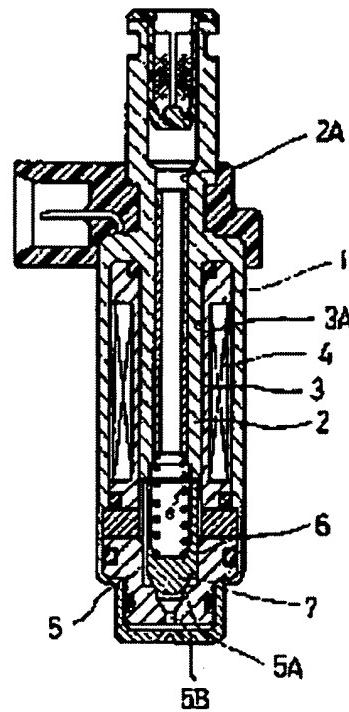
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(54) FUEL INJECTION VALVE

(57)Abstract:

PURPOSE: To reduce knocking abrasion and sliding abrasion of a valve body and a valve seat at the time of using alcoholic fuel having small liquid lubricating action or gas fuel in which the liquid lubricating action is not carried out.

CONSTITUTION: At least the valve part 7 of a movable core 6 and a valve seat forming body 5 are formed of iron system metal member, and boron is permeated in one of the valve part 7 and the valve seat forming body 5 or both thereof, and then the boride layer of Fe₂B is formed on the metal surface thereof.



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